

Market Analysis for Computer Information Systems

*Prepared by the Office of Research
Teaming to Serve Research Needs of the College
August 10, 2006*

Introduction

There are 20 local two-year colleges that compete with Harper College's Computer Information Systems program. Included in this report is a list of competitor colleges that offer a similar program. In addition, local, state, and national employment projections and wage data for related positions are provided. The list of competitor colleges within a 50 mile radius was obtained through the IPEDS – COOL website (<http://www.nces.ed.gov/ipeds/cool>) and college-specific program information was obtained from each identified college's website.

Table 1: Computer Information Systems Competitor Colleges (within 50 mile radius)

Major Competitor	Length of Program	Credit hour (\$)
Harold Washington College (City College of Chicago) – Chicago, IL	AAS – Digital Multimedia, 63 credits. AAS – Computer Information Systems, 60 credits. Advanced Certificate – Digital Multimedia, 32 credits. Advanced Certificate – Computer Information Systems, 30 credits. Basic Certificate – Interactive Media Digital Multimedia, 19 credits. Basic Certificate – Computer Information Systems, 12 credits.	\$72/credit; \$180.83/credit (out-of-district)
Harry S. Truman College (City College of Chicago) – Chicago, IL	AAS – Computer Information Systems, 60 credits. Advanced Certificate – Computer Information Systems, 30 credits. Basic Certificate – CISCO Certified Network Administrator, 15 credits. Basic Certificate – CompTIA A+ Certification Preparation, 12 credits. Basic Certificate – Computer Information Systems, 12 credits.	\$72/credit; \$180.83/credit (out-of-district)
Kennedy-King College (City College of Chicago) – Chicago, IL	AAS – Computer Information Systems, 60 credits. Advanced Certificate – Computer Information Systems, 30 credits. Basic Certificate – Computer Information Systems, 12 credits.	\$72/credit; \$180.83/credit (out-of-district)
Malcolm X College (City College of Chicago) – Chicago, IL	AAS – Computer Information Systems, 60 credits. Advanced Certificate – Computer Information Systems, 30 credits. Basic Certificate – Computer Information Systems, 12 credits.	\$72/credit; \$180.83/credit (out-of-district)

Table 1: Continued

Olive-Harvey College (City College of Chicago) – Chicago, IL	AAS – CIS Local Area Network Specialist, 65 credits. AAS – Computer Information Systems, 60 credits. Advanced Certificate – Computer Information Systems, 30 credits. Basic Certificate – Computer Information Systems, 12 credits.	\$72/credit; \$180.83/credit (out-of-district)
Richard J. Daley College (City College of Chicago) – Chicago, IL	AAS – Computer Information Systems, 60 credits. Advanced Certificate – Computer Information Systems, 30 credits. Basic Certificate – Computer Information Systems, 12 credits.	\$72/credit; \$180.83/credit (out-of-district)
Wilbur Wright College (City College of Chicago) – Chicago, IL	AAS – Computer Information Systems, 60 credits. Advanced Certificate – Computer Information Systems, 30 credits. Basic Certificate – Computer Information Systems, 12 credits.	\$72/credit; \$180.83/credit (out-of-district)
College of DuPage – Glen Ellyn, IL	AAS – Application Programmer, 64 credits. AAS – Microcomputer Specialist, 64 credits. Certificate – Microcomputer Specialist, 35 credits. Certificate – Web Programmer, 31 credits. Certificate – Visual C++ Language Proficiency, 23 credits. Certificate – Web Technician, 20 credits. Certificate – Spreadsheet Proficiency, 17 credits. Certificate – Database Proficiency, 16 credits. Certificate – LINUX, 16 credits. Certificate – UNIX, 16 credits. Certificate – C++ Language Proficiency, 15 credits. Certificate – JAVA Language Proficiency, 15 credits. Certificate – Visual BASIC Language Proficiency, 15 credits.	\$96/credit; \$223/credit (out-of-district)

Table 1: Continued

<p>College of Lake County – Grayslake, IL</p>	<p>AAS – Network Administration and Security, 63-65 credits. AAS – Multimedia Communication Web Development Option, 61 credits. AAS – Computer Information Systems, 60-63 credits. AAS – Office Application Specialist, 60-63 credits. AS – Computer Information Systems, 63-66 credits. AS – Computer Science, 63-65 credits. Certificate – Multimedia Communications, 36 credits. Certificate – Network Administration and Security, 33 credits. Certificate – Web Development, 22 credits. Certificate – Security Administration, 21 credits. Certificate – Office Application Specialist, 18 credits. Certificate – C++ Programming, 15 credits. Certificate – Java Programming, 15 credits. Certificate – Visual Basic Programming, 15 credits. Certificate – Web Development, 15 credits. Certificate – Cisco Networking, 12 credits. Certificate – Cisco Networking Professional, 12 credits. Certificate – Internet Communications, 6 credits.</p>	<p>\$80/credit; \$205/credit (out-of-district)</p>
<p>Elgin Community College – Elgin, IL</p>	<p>AAS – Computer and Information Sciences Microcomputer Specialist, 64-66 credits. AAS – Computer and Information Sciences Networking Specialist, 62-63 credits. AAS – Computer and Information Sciences Internet Specialist, 61-63 credits. Certificate – Computer Technical Support, 45 credits. Certificate – Data Communications and Networking, 39-40 credits. Basic Certificate – Computer Service Technician, 17 credits. Basic Certificate – Visual Basic Programming, 17 credits. Basic Certificate – Web Technician, 16 credits. Basic Certificate – Network Administration, 15-16 credits. Basic Certificate – Web Design, 15 credits. Basic Certificate – Advanced Web Design, 12 credits.</p>	<p>\$84/credit; \$276.93/credit (out-of-district)</p>

Table 1: Continued

Joliet Junior College – Joliet, IL	<p>AAS – Web Design and Administration, 68 credits. AAS – Computer Networking Technologist, 64 credits. AAS – Microcomputer for Business, 64 credits. AAS – Network Specialist, 64 credits. AAS – Programming, 64 credits. Certificate – Webmaster Certification, 53 credits. Certificate – Microcomputer Specialist, 47 credits. Certificate – Network Specialist, 42 credits. Certificate – Microcomputer Support Technician, 40 credits. Certificate – UNIX, C, and C++ Specialist, 38 credits. Certificate – Microcomputers for Business, 33 credits. Certificate – Technology Fundamentals, 11 credits. Certificate – Computers for Educators, 9 credits.</p>	\$73/credit; \$221.27/credit (out-of-district)
Kishwaukee College – Malta, IL	<p>AAS – Computer Information Systems, 62 credits. AAS – Networking & Systems Administration Cisco Option, 61 credits. AAS – Networking & Systems Administration Network Administration Option, 61 credits. Certificate – Computer Programming, 25.5 credits. Certificate – Web Administration, 24 credits. Certificate – Web Development, 24 credits. Certificate – Cisco Networking, 22 credits. Certificate – Microcomputer Applications, 20 credits. Certificate – Network Administration, 20 credits. Certificate – PC Technician, 16 credits.</p>	\$72/credit; \$240.24/credit (out-of-district)
McHenry Community College – McHenry, IL	<p>AAS – Computer Information Systems, 65 credits. Certificate – Webmaster, 40 credits. Certificate – Computer Programmer, 34 credits. Certificate – Network Support Specialist, 31-32 credits. Certificate – Help Desk, 28 credits. Certificate – PC Support Specialist, 18 credits.</p>	\$77/credit; \$276.93/credit (out-of-district)

Table 1: Continued

<p>Moraine Valley Community College – Palos Hills, IL</p>	<p>AAS – Computer and Local Area Network Technician, 62 credits. AAS – Internet Specialist, 62 credits. AAS – IT Security Specialist, 62 credits. AAS – Management Information Systems, 62 credits. Certificate – Network Security Specialist, 35 credits. Certificate – AS/400 Specialist, 34 credits. Certificate – PC Applications Help Desk, 33 credits. Certificate – Network Administrator, 32 credits. Certificate – E-Commerce Generalist, 31 credits. Certificate – Website Developer, 30 credits. Certificate – Website Designer, 27 credits. Certificate – LAN Technician, 26 credits. Certificate – Software Developer, 24 credits. Certificate – Microsoft Professional, 23 credits. Certificate – Visual Basic.NET Programmer, 21 credits. Certificate – Computer Technician, 20 credits. Certificate – Cisco Network Associate, 19 credits. Certificate – C# Programmer, 18 credits. Certificate – C++ Programmer, 18 credits. Certificate – Java Programmer, 18 credits. Certificate – RPG Programmer, 18 credits. Certificate – Cisco Network Professional, 16 credits. Certificate – Microsoft Application Developer, 18 credits.</p>	<p>\$72/credit; \$204/credit (out-of-district)</p>
<p>Morton College – Cicero, IL</p>	<p>AAS – Computer Information Systems, 62 credits. AS – Computer Science, 62 credits. Certificate – Network Systems Administrator, 32 credits. Certificate – Web Site Development, 18 credits. Certificate – Computer Repair Technician, 17 credits. Certificate – Computing Essentials, 17 credits. Certificate – Microcomputer Programming Applications, 17 credits. Certificate – Multimedia Development, 17 credits. Certificate – Networking Essentials, 16 credits.</p>	<p>\$73/credit; \$195/credit (out-of-district)</p>

Table 1: Continued

<p>Oakton Community College – Des Plaines, IL</p>	<p>AAS – Computers and Information Systems, 64 credits. AAS – Computer Programmer, 63 credits. AAS – Computer Application for Business, 60 credits. Certificate – Microsoft Certified Systems Engineer, 38 credits. Certificate – Visual Basic Programmer, 36 credits. Certificate – Computer Programmer, 34 credits. Certificate – PC Support Specialist, 34 credits. Certificate – Web Graphic Page Design, 30 credits. Certificate – Manager of Information Systems, 27 credits. Certificate – Network Security Administrator, 20 credits. Certificate – Windows Administration, 19 credits. Certificate – Windows Support Technician, 19 credits. Certificate – Computer Technology, 18 credits. Certificate – Computer User, 18 credits. Certificate – Cisco Certified Network Associate, 16 credits. Certificate – Internet and Computer Core, 14 credits. Certificate – Oracle Database Administrator, 12 credits. Certificate – UNIX, 10 credits.</p>	<p>\$77.60/credit; \$227.60/credit (out-of-district)</p>
<p>Prairie State College – Chicago Heights, IL</p>	<p>AAS – IT Webmaster Option, 67-68 credits. AAS – IT Administrative Assistant Option, 66-67 credits. AAS – IT Networking Option, 66-67 credits. AAS – IT Programming Option, 66-67 credits. AAS – IT Software Applications Option, 66-67 credits. AS – Computer Science Information Systems Emphasis, 62 credits. AS – Computer Science Technical Emphasis, 62 credits. Certificate – Software Specialist, 31 credits. Certificate – Webmaster, 21 credits. Certificate – Programming, 19 credits. Certificate – Web Developer, 19 credits. Certificate – Software User, 18 credits. Certificate – Computer Repair Specialist, 16 credits. Certificate – Networking Specialist, 16 credits. Certificate – E-Business, 15 credits. Certificate – Interactive Design, 15 credits. Certificate – Software Technician, 12 credits. Certificate – Database Expert, 9 credits.</p>	<p>\$82/credit; \$239/credit (out-of-district)</p>

Table 1: Continued

<p>South Suburban College – South Holland, IL</p>	<p>AAS – Management Information Systems, 68 credits. AAS – Webmaster, 66 credits. AS – Computer Information Science, 62 credits. Certificate – CIS Business Application Programmer, 32 credits. Certificate – Network Technician Microsoft Option, 16 credits. Certificate – Network Technician Novell Option, 16 credits. Certificate – Network Technician UNIX Option, 16 credits. Certificate – Network Technician Cisco Option, 12 credits. Basic Certificate – Microcomputer Programming, 15 credits. Basic Certificate – AS/400 Programming, 13 credits. Basic Certificate – Computer Programming for Business, 13 credits. Basic Certificate – E-Commerce, 12 credits. Basic Certificate – Programming for Windows, 12 credits. Basic Certificate – Programming in Basic, 12 credits. Basic Certificate – Programming in COBOL, 12 credits. Basic Certificate – Programming in RPG, 12 credits. Basic Certificate – Web Programming, 12 credits. Basic Certificate – Web Design, 9 credits.</p>	<p>\$87/credit; \$265/credit (out-of-district)</p>
<p>Triton College – River Grove, IL</p>	<p>AAS – Computer Information Systems, 67-70 credits. AAS – Computer Networking and Support Services, 65 credits. AS – Computer Science Information Systems, 60-68 credits. AS – Computer Science Technical, 60-68 credits. Certificate – PC-End User Specialist, 39-40 credits. Certificate – Computer Information Systems, 36-41 credits. Certificate – Web Site Design and Development, 19 credits. Certificate – Network Management, 15-18 credits.</p>	<p>\$61/credit; \$179.80/credit (out-of-district)</p>

Table 1: Continued

<p>Waubonsee Community College – Sugar Grove, IL</p>	<p>AAS – Web Authoring and Design, 68 credits. AAS – Web Programming, 66 credits. AAS – Desktop Support Analyst, 64 credits. AAS – Programming, 64 credits. AS – Computer Science, 63-65 credits. AS – Management Information Systems, 63-65 credits. Certificate – Web Programming, 34 credits. Certificate – Web Authoring and Design, 31 credits. Certificate – Web Developer, 31 credits. Certificate – Computer Resource Management, 27 credits. Certificate – Web Design and Publishing, 27 credits. Certificate – Microcomputer Specialist for Business, 24 credits. Certificate – Help Desk Specialist Level I Support, 22 credits. Certificate – Java Programming, 21 credits. Certificate – Advanced Geographic Information Systems, 20 credits. Certificate – Cisco Digital Network Technology, 20 credits. Certificate – Network Administration, 19 credits. Certificate – Computer Programming, 15 credits. Certificate – Microsoft Networking, 15 credits. Certificate – Programming Languages for Windows Environments, 15 credits. Certificate – Advanced Web Page Design, 12 credits. Certificate – Beginning Web Programming Concepts, 12 credits. Certificate – Geographic Information Systems, 12 credits. Certificate – Intermediate Web Programming Concepts, 12 credits. Certificate – Beginning Web Page Design, 9 credits. Certificate – Microcomputer Applications, 8 credits.</p>	<p>\$70/credit; \$211.81/credit (out-of-district)</p>
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Table 2: Computer Information Systems Employment Projections

Chicago PMSA*		Employment		Employment Change		Average Yearly Job Openings		
SOC CODE	Occupational Title	2002 Number	2012 Number	2002 – 2012 Number	% Change	Due to New	Due to Replacements	Average Yearly Total
15-1021	Computer Programmers	15,847	16,583	736	4.64	74	374	448
15-1031	Computer Software Applications Engineers	12,068	15,460	3,392	28.11	339	119	458
15-1032	Computer Systems Software Engineers	6,612	8,496	1,883	28.48	188	65	253
15-1041	Computer Support Specialists	14,117	16,710	2,592	18.36	259	174	433
15-1051	Computer Systems Analysts	20,204	26,623	6,419	31.77	642	228	870
15-1061	Database Administrators	3,510	4,713	1,203	34.27	120	36	156
15-1071	Network and Computer Systems Administrators	6,582	8,345	1,763	26.78	176	73	249
15-1081	Network Systems and Data Communications Analysts	4,367	6,358	1,991	45.59	199	52	251
15-1099	Computer Specialists, All Other	7,877	9,513	1,636	20.77	164	89	253

Cook County*		Employment		Employment Change		Average Yearly Job Openings		
SOC CODE	Occupational Title	2002 Number	2012 Number	2002 – 2012 Number	% Change	Due to New	Due to Replacements	Average Yearly Total
15-1021	Computer Programmers	11,381	11,874	493	4.33	49	269	318
15-1031	Computer Software Applications Engineers	8,491	10,834	2,344	27.60	234	84	318
15-1032	Computer Systems Software Engineers	4,545	5,867	1,322	29.08	132	45	177
15-1041	Computer Support Specialists	10,137	11,983	1,846	18.21	185	125	310
15-1051	Computer Systems Analysts	14,597	19,121	4,524	30.99	452	165	617
15-1061	Database Administrators	2,576	3,443	868	33.69	87	27	114
15-1071	Network and Computer Systems Administrators	4,772	6,025	1,253	26.26	125	53	178
15-1081	Network Systems and Data Communications Analysts	3,209	4,637	1,428	44.49	143	38	181
15-1099	Computer Specialists, All Other	5,536	6,694	1,158	20.93	116	63	179

*Employment projections are from <http://www.ilworkinfo.com>

Table 2: Continued

DuPage County*		Employment		Employment Change		Average Yearly Job Openings		
SOC CODE	Occupational Title	2002 Number	2012 Number	2002 – 2012 Number	% Change	Due to New	Due to Replacements	Average Yearly Total
15-1021	Computer Programmers	3,200	3,445	245	7.64	24	76	100
15-1031	Computer Software Applications Engineers	2,686	3,566	880	32.77	88	27	115
15-1032	Computer Systems Software Engineers	1,507	1,958	451	29.90	45	15	60
15-1041	Computer Support Specialists	2,662	3,229	567	21.30	57	33	90
15-1051	Computer Systems Analysts	4,064	5,600	1,536	37.79	154	46	200
15-1061	Database Administrators	629	876	247	39.25	25	6	31
15-1071	Network and Computer Systems Administrators	1,213	1,593	379	31.28	38	13	51
15-1081	Network Systems and Data Communications Analysts	830	1,257	428	51.54	43	10	53
15-1099	Computer Specialists, All Other	1,594	1,932	337	21.17	34	18	52
Lake County*		Employment		Employment Change		Average Yearly Job Openings		
SOC CODE	Occupational Title	2002 Number	2012 Number	2002 – 2012 Number	% Change	Due to New	Due to Replacements	Average Yearly Total
15-1021	Computer Programmers	1,355	1,453	98	7.24	10	32	42
15-1031	Computer Software Applications Engineers	950	1,252	302	31.77	30	9	39
15-1032	Computer Systems Software Engineers	575	752	177	30.84	18	6	24
15-1041	Computer Support Specialists	1,254	1,529	275	21.95	28	15	43
15-1051	Computer Systems Analysts	1,761	2,302	541	30.71	54	20	74
15-1061	Database Administrators	287	391	104	36.40	10	3	13
15-1071	Network and Computer Systems Administrators	521	663	141	27.12	14	6	20
15-1081	Network Systems and Data Communications Analysts	314	475	161	51.37	16	4	20
15-1099	Computer Specialists, All Other	642	829	187	29.10	19	7	26

*Employment projections are from <http://www.ilworkinfo.com>

Table 2: Continued

McHenry County*		Employment		Employment Change		Average Yearly Job Openings		
SOC CODE	Occupational Title	2002 Number	2012 Number	2002 – 2012 Number	% Change	Due to New	Due to Replacements	Average Yearly Total
15-1021	Computer Programmers	221	233	12	5.52	1	5	6
15-1031	Computer Software Applications Engineers	157	197	40	25.59	4	2	6
15-1032	Computer Systems Software Engineers	106	131	26	24.57	3	1	4
15-1041	Computer Support Specialists	225	268	43	18.98	4	3	7
15-1051	Computer Systems Analysts	242	322	80	33.08	8	3	11
15-1061	Database Administrators	52	70	18	34.67	2	1	3
15-1071	Network and Computer Systems Administrators	101	128	27	26.97	3	1	4
15-1081	Network Systems and Data Communications Analysts	58	87	28	48.33	3	1	4
15-1099	Computer Specialists, All Other	110	137	28	25.27	3	1	4
Statewide*		Employment		Employment Change		Average Yearly Job Openings		
SOC CODE	Occupation Title	2002 Number	2012 Number	2002 – 2012 Number	% Change	Due to New	Due to Replacements	Average Yearly Total
15-1021	Computer Programmers	21,468	22,229	761	3.54	76	507	583
15-1031	Computer Software Applications Engineers	15,735	19,913	4,178	26.55	418	156	573
15-1032	Computer Systems Software Engineers	8,782	11,134	2,352	26.78	235	87	322
15-1041	Computer Support Specialists	19,813	23,164	3,351	16.91	335	244	579
15-1051	Computer Systems Analysts	28,160	36,286	8,126	28.86	813	319	1,131
15-1061	Database Administrators	4,897	6,506	1,609	32.86	161	51	212
15-1071	Network and Computer Systems Administrators	9,191	11,513	2,322	25.26	232	102	334
15-1081	Network Systems and Data Communications Analysts	5,957	8,374	2,417	40.57	242	70	312
15-1099	Computer Specialists, All Other	10,963	13,171	2,208	20.14	221	124	345

*Employment projections are from <http://www.ilworkinfo.com>

Table 2: Continued

National**		Employment		Employment Change		Average Yearly Job Openings		
SOC CODE	Occupational Title	2004 Number	2014 Number	2004 – 2014 Change	% Change	Due to New	Due to Replacements	Average Yearly Total***
15-1021	Computer Programmers	455,271	464,270	8,999	2.0	N/A	N/A	12,000
15-1031	Computer Software Applications Engineers	459,753	682,180	222,427	48.4	N/A	N/A	27,000
15-1032	Computer Systems Software Engineers	340,297	486,459	146,162	43.0	N/A	N/A	18,000
15-1041	Computer Support Specialists	518,369	637,560	119,191	23.0	N/A	N/A	18,000
15-1051	Computer Systems Analysts	486,545	639,500	152,955	31.4	N/A	N/A	21,000
15-1061	Database Administrators	104,382	144,281	39,899	38.2	N/A	N/A	5,000
15-1071	Network and Computer Systems Administrators	278,381	385,249	106,868	38.4	N/A	N/A	14,000
15-1081	Network Systems and Data Communications Analysts	231,271	357,461	126,190	54.6	N/A	N/A	15,000
15-1099	Computer Specialists, All Other	149,181	177,464	28,283	19.0	N/A	N/A	5,000

**Employment projections are from <http://www.bls.gov>

***Estimate of average yearly job opening due to new jobs and net replacement needs.

Table 3: Computer Information Systems Wage Data**Chicago PMSA***

SOC CODE	Occupational Title	Entry Wage		Median Wage		Experienced Wage	
		Hourly	Annual	Hourly	Annual	Hourly	Annual
15-1021	Computer Programmers	\$20.27	\$42,154	\$30.99	\$64,461	\$37.38	\$77,756
15-1031	Computer Software Applications Engineers	\$21.74	\$45,232	\$34.41	\$71,571	\$41.91	\$87,164
15-1032	Computer Systems Software Engineers	\$28.17	\$58,593	\$39.66	\$82,497	\$50.17	\$104,342
15-1041	Computer Support Specialists	\$14.44	\$30,051	\$22.41	\$46,609	\$28.33	\$58,932
15-1051	Computer Systems Analysts	\$24.47	\$50,910	\$34.37	\$71,487	\$41.33	\$85,978
15-1061	Database Administrators	\$18.19	\$37,828	\$30.44	\$63,317	\$37.31	\$77,598
15-1071	Network and Computer Systems Administrators	\$21.64	\$45,019	\$30.05	\$62,501	\$35.88	\$74,632
15-1081	Network Systems and Data Communications Analysts	\$18.51	\$38,486	\$30.25	\$62,904	\$38.21	\$79,473
15-1099	Computer Specialists, All Other	\$20.46	\$42,562	\$34.12	\$70,955	\$43.77	\$91,037

Cook County*

SOC CODE	Occupational Title	Entry Wage		Median Wage		Experienced Wage	
		Hourly	Annual	Hourly	Annual	Hourly	Annual
15-1021	Computer Programmers	\$21.28	\$44,259	\$31.48	\$65,465	\$37.87	\$78,770
15-1031	Computer Software Applications Engineers	\$20.68	\$43,016	\$33.29	\$69,241	\$40.21	\$83,640
15-1032	Computer Systems Software Engineers	\$28.37	\$59,002	\$33.17	\$68,998	\$39.85	\$82,883
15-1041	Computer Support Specialists	\$15.08	\$31,365	\$21.72	\$45,184	\$27.20	\$56,582
15-1051	Computer Systems Analysts	\$23.14	\$48,125	\$33.54	\$69,756	\$40.65	\$84,551
15-1061	Database Administrators	\$16.55	\$34,432	\$27.81	\$57,850	\$34.38	\$71,506
15-1071	Network and Computer Systems Administrators	\$21.82	\$45,383	\$29.82	\$62,035	\$35.67	\$74,196
15-1081	Network Systems and Data Communications Analysts	\$20.41	\$42,452	\$30.57	\$63,592	\$37.32	\$77,635
15-1099	Computer Specialists, All Other	\$18.37	\$38,210	\$30.40	\$63,226	\$37.04	\$77,042

*State wage information from <http://www.ilworkinfo.com> (as of 1st quarter of 2005 for Chicago and Illinois and 2nd quarter of 2004 for collar counties)

Table 3: Continued

DuPage County*							
SOC CODE	Occupational Title	Entry Wage		Median Wage		Experienced Wage	
		Hourly	Annual	Hourly	Hourly	Annual	Hourly
15-1021	Computer Programmers	\$21.27	\$44,239	\$30.10	\$62,611	\$36.17	\$75,222
15-1031	Computer Software Applications Engineers	\$24.42	\$50,791	\$33.35	\$69,367	\$39.37	\$81,894
15-1032	Computer Systems Software Engineers	\$26.07	\$54,235	\$45.92	\$95,522	\$48.67	\$101,220
15-1041	Computer Support Specialists	\$12.22	\$25,433	\$20.10	\$41,807	\$25.05	\$52,102
15-1051	Computer Systems Analysts	\$24.58	\$51,123	\$33.76	\$70,227	\$41.51	\$86,342
15-1061	Database Administrators	\$17.09	\$35,538	\$28.55	\$59,396	\$35.95	\$74,772
15-1071	Network and Computer Systems Administrators	\$21.06	\$43,795	\$27.53	\$57,249	\$36.50	\$75,923
15-1081	Network Systems and Data Communications Analysts	\$12.98	\$26,989	\$25.77	\$53,596	\$32.98	\$68,589
15-1099	Computer Specialists, All Other	\$19.02	\$39,562	\$28.89	\$60,093	\$35.21	\$73,242
Lake County*							
SOC CODE	Occupational Title	Entry Wage		Median Wage		Experienced Wage	
		Hourly	Annual	Hourly	Hourly	Annual	Hourly
15-1021	Computer Programmers	\$21.75	\$45,241	\$31.77	\$66,086	\$36.41	\$75,726
15-1031	Computer Software Applications Engineers	\$27.05	\$56,256	\$33.87	\$70,454	\$38.88	\$80,858
15-1032	Computer Systems Software Engineers	\$23.95	\$49,814	\$35.74	\$74,344	\$46.28	\$96,253
15-1041	Computer Support Specialists	\$15.38	\$31,990	\$21.63	\$44,981	\$26.49	\$55,102
15-1051	Computer Systems Analysts	\$21.52	\$44,755	\$31.63	\$65,778	\$37.42	\$77,830
15-1061	Database Administrators	\$17.19	\$35,747	\$31.23	\$64,959	\$38.39	\$79,857
15-1071	Network and Computer Systems Administrators	\$20.17	\$41,964	\$28.70	\$59,714	\$34.47	\$71,699
15-1081	Network Systems and Data Communications Analysts	\$22.55	\$46,914	\$31.71	\$65,954	\$35.99	\$74,869
15-1099	Computer Specialists, All Other	\$13.76	\$28,607	\$23.03	\$47,905	\$29.76	\$61,891

*State wage information from <http://www.ilworkinfo.com> (as of 1st quarter of 2005 for Chicago and Illinois and 2nd quarter of 2004 for collar counties)

Table 3: Continued**McHenry County***

SOC CODE	Occupational Title	Entry Wage		Median Wage		Experienced Wage	
		Hourly	Annual	Hourly	Annual	Hourly	Annual
15-1021	Computer Programmers	\$16.94	\$35,220	\$24.90	\$51,778	\$29.92	\$62,232
15-1031	Computer Software Applications Engineers	N/A	N/A	N/A	N/A	N/A	N/A
15-1032	Computer Systems Software Engineers	N/A	N/A	N/A	N/A	N/A	N/A
15-1041	Computer Support Specialists	\$14.07	\$29,269	\$16.34	\$33,979	\$20.27	\$42,146
15-1051	Computer Systems Analysts	\$17.21	\$35,804	\$24.27	\$50,472	\$30.37	\$63,177
15-1061	Database Administrators	\$24.65	\$51,266	\$37.37	\$77,736	\$39.07	\$81,267
15-1071	Network and Computer Systems Administrators	\$22.10	\$45,970	\$29.79	\$61,962	\$32.31	\$67,197
15-1081	Network Systems and Data Communications Analysts	\$18.34	\$38,150	\$34.35	\$71,436	\$57.57	\$119,749
15-1099	Computer Specialists, All Other	\$9.23	\$19,193	\$20.95	\$43,560	\$32.75	\$68,126

Statewide*

SOC CODE	Occupational Title	Entry Wage		Median Wage		Experienced Wage	
		Hourly	Annual	Hourly	Hourly	Annual	Hourly
15-1021	Computer Programmers	\$19.95	\$41,489	\$30.41	\$63,258	\$36.67	\$76,258
15-1031	Computer Software Applications Engineers	\$20.30	\$42,219	\$33.42	\$69,520	\$40.91	\$85,106
15-1032	Computer Systems Software Engineers	\$27.02	\$56,213	\$38.55	\$80,181	\$48.80	\$101,492
15-1041	Computer Support Specialists	\$13.61	\$28,319	\$21.56	\$44,830	\$27.38	\$56,962
15-1051	Computer Systems Analysts	\$23.37	\$48,604	\$33.57	\$69,831	\$40.27	\$83,762
15-1061	Database Administrators	\$17.63	\$36,661	\$29.61	\$61,601	\$36.73	\$76,394
15-1071	Network and Computer Systems Administrators	\$20.51	\$42,676	\$29.12	\$60,580	\$34.97	\$72,731
15-1081	Network Systems and Data Communications Analysts	\$18.46	\$38,387	\$29.74	\$61,858	\$37.45	\$77,899
15-1099	Computer Specialists, All Other	\$18.75	\$39,012	\$32.23	\$67,039	\$41.73	\$86,808

*State wage information from <http://www.ilworkinfo.com> (as of 1st quarter of 2005 for Chicago and Illinois and 2nd quarter of 2004 for collar counties)

Table 3: Continued

National**					
SOC CODE	Occupational Title	Median Hourly	Mean Hourly	Mean Annual	Mean RSE***
15-1021	Computer Programmers	\$30.49	\$32.40	\$67,400	0.7%
15-1031	Computer Software Applications Engineers	\$37.06	\$38.24	\$79,540	0.6%
15-1032	Computer Systems Software Engineers	\$39.48	\$40.54	\$84,310	0.5%
15-1041	Computer Support Specialists	\$19.52	\$20.86	\$43,380	0.4%
15-1051	Computer Systems Analysts	\$32.84	\$33.86	\$70,430	0.3%
15-1061	Database Administrators	\$30.41	\$31.54	\$65,590	0.4%
15-1071	Network and Computer Systems Administrators	\$28.81	\$30.39	\$63,210	0.3%
15-1081	Network Systems and Data Communications Analysts	\$29.69	\$31.23	\$64,970	0.5%
15-1099	Computer Specialists, All Other	\$28.57	\$30.38	\$63,190	1.1%

**National wage information from <http://www.bls.gov> (as of May 2005)

***RSE – Relative Standard Error